Better Chemistry.

3/22/21

MI-PHOS® 26

2201002

Metal finishing

Monosodium Phosphate	Sodium Phosphate Dibasic	7558-80-7	<10%
Ammonium Bifluoride	Acid ammonium fluoride	1341-49-7	Approx 1%
Phosphoric Acid	Orthophosphoric Acid	7664-38-2	<1%

Remove exposed person to fresh air and support breathing as needed.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Call a physician or poison control center immediately.

Never give anything by mouth to an unconscious person. Contact a poison control center. Unless the poison control center advises otherwise, have the conscious and alert person drink 1 or 2 glasses of water to dilute. The decision to induce vomiting is debatable. Its corrosive nature may indicate gastric lavage or binding of the fluoride ion with milk, calcium gluconate, or calcium lactate.

May cause irritation to the respiratory tract. Symptons include coughing and shortness of breath. Low hazard for usual industrial handling.

Irritation of eyes and skin.

Irritant due to its acidic nature. May cause inflammation and pain on prolonged contact, especially with moist skin.

Phosphates are slowly and incompletely absorbed when ingested, and seldom results in systemic effects. Such effects, however, have occurred. Symptons include vomiting, lethergy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is because of their ability to sequester calcium. Low hazard for usual industrial handling.

May sequester calcium and cause calcium phosphate deposits in kidneys.

Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.

In the event of a fire, wear full protective clothing and NIOSH approved self contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving this material Stay away from ends of tanks. Cool tanks with water spray until well after fire is out.

Wear appropriate chemical protection equipment such as gloves, face-shield, goggles and suitable body protection to prevent contamination of skin, eyes and personal clothing.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

Ventilate area of release.

Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

Use in well ventilated area.

Wash hands thoroughly after handling.

Wear rubber protective gloves and goggles.

Do not get in eyes, or on skin, or on clothing.

Keep container tightly closed.

Keep container tightly closed.

N/A

None
N/A
N/A
N/A

N/A
N/A
1.2
Complete in water
N/A

N/A
N/A
N/A

Stable under normal conditions
Hazardous polymerization does not occur.

Avoid contact with strong acids.
Under fire- Oxides of phosphorous at > 300 °C (572 °F)

Carbon Dioxide, Carbon Monoxide

Phosphoric Acid-LD50-(Rat-female)-1.7 mL/100 g body weight
Sodium Phosphate Tribasic, LD50, Oral Rat-7400 mg/kg
LD50, rat, 60 - 130 mg/kg (Ammonium Fluoride)
Ammonium Bifluoride-LD50-for the hydrolysis product-50-200 mg/kg
Not listed by IARC, NTP, OSHA, ACGIH
Eyes, Skin, Inhalation, Ingestion

no data available
no data available
Not Available

No data available
No data available
Disperses in water.
Phosphoric Acid itself will not absorb into soil, in most cases it will dissociate into PO43- and H+ ions in the soil pore water, and/or react with minerals present in the soil,

Degradability:

1760

CORROSIVE LIQUID, N.O.S.(CONTAINS PHOSPHORIC ACID)

8

III

154

Ammonium Bifluoride-RQ=100 lbs
Phosphoric Acid-RQ=5000 lbs

The chemicals in this product are not subject to SARA Title III, Section 313 Reporting Requirements.

No Proposition 65 listed components in this formula

All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements .

The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.